

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	12	(US-20020124208-\$).did. or (US-5615137-\$ or US-6185516-\$ or US-6725431-\$ or US-6643827-\$ or US-6591400-\$ or US-6691078-\$ or US-5483470-\$ or US-5513122-\$ or US-6526544-\$ or US-6516306-\$ or US-6324496-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/10/27 11:53
L3	4	2 and (possible near8 state) and automaton and property and Lucent.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 11:53
L4	1	((branching adj time) same (reduc\$5 model)) and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 11:54
L5	12	(US-20020124208-\$).did. or (US-5615137-\$ or US-6185516-\$ or US-6725431-\$ or US-6643827-\$ or US-6591400-\$ or US-6691078-\$ or US-5483470-\$ or US-5513122-\$ or US-6526544-\$ or US-6516306-\$ or US-6324496-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/10/27 12:53
L6	0	5 and (choice near9 predicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 12:54
L7	0	5 and (function near6 rank\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 12:54
L8	0	(function near6 rank\$3) same (choice near9 predicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 12:54

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L9	2	(function near6 rank\$3) and (choice near9 predicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 13:39
L10	64	(function near6 rank\$3) and algorithm\$3 and predicate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 13:39
L11	3	10 and ("finite state" or (transition near4 state)) and (automaton automata FSM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 13:44
L12	6	2 and predicate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 13:45
L13	1	12 and ((choice choos\$3 select\$3) with predicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 13:49
L14	19	ranking same ((choice choos\$3 select\$3) with predicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:18
L15	1	"alternating time" and FSM and (deterministic algorithm\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:19
L16	113	"alternating" and FSM and (deterministic algorithm\$5) and branch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:19

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L17	0	16 and (automaton FSM) and predicate and (state with transition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:20
L18	80	16 and (automaton FSM) and (state with transition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:22
L19	0	18 and (ranking same (choice select\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:21
L20	0	18 and (ranking and (choice select\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:21
L21	45	18 and (model near9 (verif\$3 check\$4 reduction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:31
L22	2	Alur.in. and FSM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 15:24
L23	0	LUcent.as. and FSM and ranking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 15:24
L24	2	Lucent.as. and (automata automaton FSM) and rank\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 15:37

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L25	5	(path near5 quantif\$5) and (automata automaton FSM) and select\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 15:38
L26	3857	(717/126-135,140-144,155-159). cls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 16:25
L27	4	26 and (FSM automaton) and (state near9 transition) and ((path branch) same ((reach\$6 taken) and (select\$4 choice choos\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 16:27
S1	2	"6591231".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 08:52
S2	2	automaton and (completeness same (proof proven)) and (transition near5 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 10:12
S3	2	"6185516".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 10:13
S4	0	Lucent.as. and automata and (reduction near8 (state model)) and (branch with property)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 10:14
S5	0	Lucent.as. and "finite state" and (reduc\$5 same (state model)) and (branch with property)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 10:15
S6	11	("6185516").URPN.	USPAT	OR	OFF	2006/10/26 10:15

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S7	6	("4654780"   "5163016"   "5379231"   "5483470"   "5491639"   "5513122").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/26 10:46
S8	9	automata.ti. and (reduction same state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 10:47
S9	10	automata.ab. and (reduction same state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 10:47
S10	2	(S8 or S9) and (state with transition) and (predicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 10:50
S11	8	((model program) and automaton) same (property with (met satisf\$5 fulfill\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 10:10
S12	11	(US-20020124208-\$).did. or (US-5615137-\$ or US-6185516-\$ or US-6725431-\$ or US-6643827-\$ or US-6591400-\$ or US-6691078-\$ or US-5483470-\$ or US-5513122-\$ or US-6526544-\$ or US-6516306-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/10/27 10:18
S13	4	S12 and (automaton same product) and (property same (set states))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 10:20
S14	2	S13 and branch\$4 and (possible near\$5 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 10:23

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S15	5	((branching adj time) same (reduc\$5 model)) and (automaton same (property states))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 11:54
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Did you mean: **alternating *timed* automaton Lucent property checking**

[PDF] **The Existence of Finite Abstractions for Branching Time Model Checking**

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shows how to turn an **alternating tree-automaton property** ... An **automata**- theoretic approach to branching **time** model **checking**. J. ACM, 47(2), 2000. ...  
 cm.bell-labs.com/who/dennis/Papers/dn04a.pdf - [Similar pages](#)

[PS] **Automatic Abstraction Using Generalized Model Checking**

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Since **checking** emptiness of a weak **alternating**. Buchi word **automaton** over a 1-letter alphabet can be done in linear **time** [18], we ...  
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[PPT] **www.cis.upenn.edu/~alur/Talks/atva-games.ppt**

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Connections to tree **automata**, and mu-calculus model **checking**. Our Focus: ...  
**Alternating-time** temporal logic. [Alur,Henzinger,Kupferman, JACM 2002] ...  
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In-house groups: Intel, Microsoft, **Lucent**, Motorola... ... Perspectives on Model **Checking**.  
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correctness of a given **property** by **checking** all the possible. behaviours of a system. ...  
 first translated into a Hesitant **Alternating Automaton** and ...  
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[PDF] **LNCS 3114 - An Efficiently Checkable, Proof-Based Formulation of ...**

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**Alternating Tree Automata**. An **alternating automaton** over AP is specified by a ... to model **checking** a linear-time **property**. From such an **automaton** B, ...  
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we consider here, usually takes the form of **property checking**: Given a ... that **alternating tree automata** – the most compact **automaton** notation – cor- ...  
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shown that **automata**-theoretic model **checking** for branching time temporal. logic is possible by translating the temporal formulas to **alternating automata**. ...  
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**checking**, proof reading and spell **checking**, inevitably seven **times** a week a list ... It updates the state of the **property automaton**, and flags errors as ...  
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time property reduction model AND states set

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### Session J1 - Poster Session II.

A hopping **model** for molecular motors is presented consisting of a **state** with ... and with further **reduction** of the dot size it becomes shallow and at **times** ...  
[flux.aps.org/meetings/YR03/MAR03/baps/abs/S3210.html](http://flux.aps.org/meetings/YR03/MAR03/baps/abs/S3210.html) - 269k - [Cached](#) - [Similar pages](#)

### [PDF] ObjectCheck: A Model Checking Tool for Executable Object-Oriented ...

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Bell Laboratories, **Lucent** Technologies, Murray Hill, NJ 07974, USA ... Xie, F., Browne, J.C.: Integrated **State Space Reduction** for **Model** Checking Ex- ...  
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### [PDF] Partial-order Reduction Techniques for Real-time Model Checking

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**Lucent** Technologies, Hilversum,. The Netherlands. Keywords: Verification; **Model** checking; Partial-order **reduction**; Real **time**;. Covering. Abstract. ...  
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### Citations: Computer-Aided Verification - Kurshan (ResearchIndex)

**Model** checking requires search of the global **state** space of the design, ... **set** Q. The **set**  $Pi(P) \cap Q$  of computations of P is an regular safety **property**. ...  
[citeseer.ist.psu.edu/context/62065/0](http://citeseer.ist.psu.edu/context/62065/0) - 33k - [Cached](#) - [Similar pages](#)

### [PDF] Model Checking

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Scalability is still a problem (about 100 **state** vars). Effective use requires great expertise. **model**. temporal. **property**. yes. error-trace ...  
[www.cis.upenn.edu/~alur/Talks/grasp00.PDF](http://www.cis.upenn.edu/~alur/Talks/grasp00.PDF) - [Similar pages](#)

### [PDF] Model Reduction for Dynamic Real-Time Optimization of Chemical ...

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Marquardt (2001) **states** that the proper way to assess **model reduction** tech- ... The system has a two-time-scale **property** if there exists one or more ...  
[www.dcsc.tudelft.nl/Research/PublicationFiles/publication-6343.pdf](http://www.dcsc.tudelft.nl/Research/PublicationFiles/publication-6343.pdf) - [Similar pages](#)

### [DOC] Speaker and affiliation: David Aldous (U

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In the second setting **state** space is a closed, convex, bounded **set** and the nonnegativity ... Systematic approaches to **model reduction** will be discussed. ...  
[tesla.csl.uiuc.edu/~srikant/StochNetworks2006/abstracts.doc](http://tesla.csl.uiuc.edu/~srikant/StochNetworks2006/abstracts.doc) - [Similar pages](#)

### [PPT] Symbolic Boolean Manipulation with Ordered Binary Decision Diagrams

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Create "simplified" finite **state model** of system (109 **states**!) Verify properties about **set** of reachable **states**. Bug Detected ...  
[www.cs.cmu.edu/~bryant/presentations/arw00.ppt](http://www.cs.cmu.edu/~bryant/presentations/arw00.ppt) - [Similar pages](#)

[\[PDF\] Formal Verification by Model Checking](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

What is **Model** Checking? Does **model** M satisfy a **property** P ? (written  $M \models P$ ) ... Use a combination of the **state** space **reduction** techniques to avoid ...

[www.cs.cmu.edu/~aldrich/courses/654-sp05/handouts/model-checking-intro.pdf](http://www.cs.cmu.edu/~aldrich/courses/654-sp05/handouts/model-checking-intro.pdf) -[Similar pages](#)[Project proposal](#)

In this **model** infinite **state** spaces due to continuous **time** parameters can, ... to a finite **set** of region graphs allowing algorithmic **property** checking. ...

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